

RF Coaxial Connectors



SMA Coaxial Connectors — 50 Ohm

Brass bodies with gold or nickel plating. **Contacts:** Male — brass with gold plating; Female — beryllium copper with gold plating. **Insulators:** PTFE fluorocarbon or tefzel. **Working Voltage (Vrms Maximum) for Cabled Connectors:** Ranges from 170 for RG-178 to 500 for 0.141 semi-rigid with contact. **Frequency Range:** Cabled Connectors — 0-12.4 GHz; Uncabled Receptacles, RA Semi-Rigid Cable Connectors — 0-18.0 GHz; Straight Semi-Rigid Cable Connectors and Field Replaceable Connectors — 0-26.5 GHz.

Cabled Plugs

Stock No.	Mfr.'s Type	Fig.	Description	For RG Cable	Plating	EACH	
						1-9	10-49
528-0241	142-0203-101	1	Right Angle, Clamp Type	161, 174, 188, 316	Gold	8.61	7.76
528-2009	142-0693-101	2	Right Angle, Solder Type	0.086 Semi-Rigid	Gold	9.26	8.46
528-2011	142-0693-106	2	Right Angle, Solder Type	0.086 Semi-Rigid	Nickel	8.95	8.20
528-2000	142-0403-101	2	Right Angle, Crimp Type	161, 174, 188, 316, LMR-100, HPF-100, RF-100	Gold	6.55	5.91
528-2002	142-0403-106	2	Right Angle, Crimp Type	161, 174, 188, 316, LMR-100, HPF-100, RF-100	Nickel	7.88	7.20
528-2600	142-0407-101	3	Right Angle, Crimp Type	58, 141, 303, LMR-195, HPF-195, RF-195	Gold	8.78	8.05
528-2602	142-0408-101	4	Right Angle, Crimp Type	55, 142, 223, 400	Gold	8.61	7.88
528-2604	142-0439-101	3	Right Angle, Crimp Type	LMR-200, HPF-200, RF-200	Gold	9.36	8.59
528-2606	142-0435-101	3	Right Angle, Crimp Type	LMR-240, HPF-240, RF-240	Gold	10.40	9.54
528-1998	142-0402-011*	5	Straight Crimp, Solder or Crimp Captivated Contact	178, 196	Gold	6.56	5.91
528-1999	142-0402-016*	5	Straight, Crimp Type	178, 196	Nickel	6.47	5.93
528-2004	142-0403-011*	5	Crimp Captivated Contact	161, 174, 188, 316, LMR-100, HPF-100, RF-100	Gold	5.54	5.00
528-2006	142-0403-016*	5	Straight Crimp, Solder or Crimp Captivated Contact	161, 174, 188, 316, LMR-100, HPF-100, RF-100	Nickel	5.16	4.66
528-2610	142-0407-011*	5	Straight Crimp, Solder or Crimp Captivated Contact	58, 141, 303, LMR-195, HPF-195, RF-195	Gold	6.24	5.62
528-2007	142-0407-016*	5	Straight Crimp, Solder or Crimp Captivated Contact	58, 141, 303, LMR-195, HPF-195, RF-195	Nickel	5.83	5.25
528-2416	142-0408-011*	5	Straight Crimp, Solder or Crimp Captivated Contact	55, 142, 223, 400	Gold	5.91	5.33
528-2614	142-0439-001*	6	Straight Crimp Captivated Contact	LMR-200, HPF-200, RF-200	Gold	6.65	6.10
528-2616	142-0439-006*	6	Straight Crimp Captivated Contact	LMR-200, HPF-200, RF-200	Nickel	6.24	5.72
528-2618	142-0435-001*	6	Straight Crimp Captivated Contact	LMR-240, HPF-240, RF-240	Gold	6.66	6.10
528-2620	142-0435-006*	6	Straight Crimp Captivated Contact	LMR-240, HPF-240, RF-240	Nickel	6.24	5.72
528-2008	142-0694-021	7	Straight, Solder without Contact, Slide-On Nut, Thick Wall	0.141 Semi-Rigid	Gold	1.82	1.66
528-2010	142-0693-001	8	Straight, Solder with Contact, Captive Nut, Thick Wall	0.086 Semi-Rigid	Gold	3.84	3.47
528-2012	142-0694-011	9	Straight Solder, without Contact, Thread-On Nut, Thin Wall	0.141 Semi-Rigid	Gold	1.28	1.16
528-0242	142-0203-011	10	Straight Clamp Type	161, 174, 188, 316	Gold	9.94	8.97

Straight Solder Type Jack

528-2420	142-0593-001	11	Solder Contact	0.086 Semi-Rigid	Gold	4.28	3.87
528-2448	142-0594-001	11	Solder Contact	0.141 Semi-Rigid	Gold	6.28	5.75

Straight Crimp Type Jack (3 Piece)

528-2406	142-0303-011	12	Solder or Crimp Captivated Contact	161, 174, 188, 316	Gold	7.28	6.66
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*Three piece.

SMA In-Series Adapters

Right-Angle Adapters

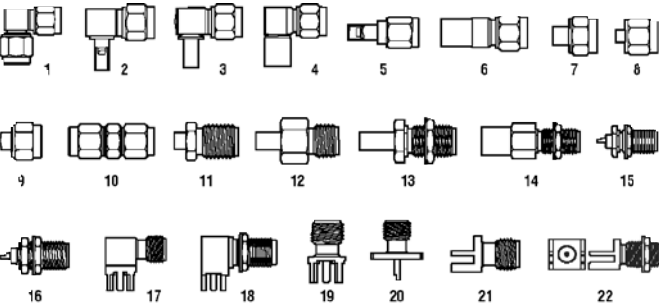
Stock No.	Mfr.'s Type	Fig.	Description	Plating	EACH	
					1-9	10-49
528-1950	142-0901-921	1	SMA Jack/Jack	Gold over Brass	17.89	16.13
528-1952	142-0901-931	2	SMA Plug/Plug	Gold over Brass	24.56	22.13
528-1954	142-0901-941	3	SMA Jack/Plug	Gold over Brass	14.53	13.11

Straight Adapters

528-1956	142-0901-801	4	SMA Jack/Jack	Gold over Brass	10.24	9.24
528-2150	142-0901-401	5	SMA Jack/Bulkhead Jack	Gold over Brass	15.80	14.26
528-2160	142-0901-811	6	SMA Plug/Plug	Gold over Brass	12.95	11.68
528-1962	142-0901-821	7	SMA Plug/Jack	Gold over Brass	12.48	11.25

SMA Jack Receptacles — Knurl Mount

Stock No.	Mfr.'s Type	Fig.	Description	Plating	EACH	
					1-9	10-49
528-1964	142-1721-001	1	0.020" Wide Tab Contact	Gold over Brass	6.39	5.84
528-1966	142-1721-011	2	0.030" Round Contact	Gold over Brass	4.97	4.55
528-1968	142-1721-021	2	0.050" Round Contact	Gold over Brass	5.49	5.03
528-1969	142-0701-481	3	0.036" Solder Cup Contact	Gold over Brass	5.71	5.24



Straight Crimp Type Jack (3 Piece) (Continued)

Stock No.	Mfr.'s Type	Fig.	Description	For RG Cable	Plating	EACH	
						1-9	10-49
528-2630	142-0307-011	12	Solder or Crimp Captivated Contact	58, 141, 303	Gold	7.28	6.66
528-2634	142-0303-411	13	Bulkhead, Solder or Crimp Captivated Contact	161, 174, 188, 316, LMR-100, HPF-100, RF-100	Gold	8.47	7.76
528-2636	142-0303-416	13	Bulkhead, Solder or Crimp Captivated Contact	161, 174, 188, 316, LMR-100, HPF-100, RF-100	Nickel	8.15	7.47
528-2638	142-0307-411	13	Bulkhead, Solder or Crimp Captivated Contact	58, 141, 303, LMR-195, HPF-195, RF-195	Gold	8.64	7.92
528-2640	142-0339-401	14	Bulkhead, Solder or Crimp Captivated Contact	LMR-200, HPF-200, RF-200	Gold	10.40	9.54
528-2642	142-0335-401	14	Bulkhead, Solder or Crimp Captivated Contact	LMR-240, HPF-240, RF-240	Gold	10.40	9.54

PCB Mount Jack Receptacles

Stock No.	Mfr.'s Type	Fig.	Description	Plating	EACH	
					1-9	10-49
528-0240	142-0701-401	15	Rear-Mount, Bulkhead, Solder Cup Terminal	Gold	5.35	4.83
528-2650	142-0701-406	15	Rear-Mount, Bulkhead, Solder Cup Terminal	Nickel	5.50	5.04
528-0239	142-0701-411	16	Front-Mount, Bulkhead, Solder Cup Terminal	Gold	6.89	6.22
528-2014	142-0701-301	17	Right Angle, PC Mount Jack, Solder Type, 0.155" Legs	Gold	7.68	6.93
528-2016	142-0701-306	17	Right Angle, PC Mount Jack, Solder Type, 0.155" Legs	Nickel	5.84	5.27
528-2018	142-0701-501	18	Right Angle, Bulkhead Jack, 0.155" Legs	Gold	10.93	9.86
528-2426	142-0701-506	18	Right Angle, Bulkhead Jack, 0.155" Legs	Nickel	11.55	10.59
528-3231	142-0701-211	19	Straight PC Mount Jack, Solder Type, 0.281" Layout, 0.155" Legs	Gold	11.33	10.20
528-0233	142-0701-201	19	Straight PC Mount Jack, Solder Type, 0.200" Layout, 0.155" Leg Length	Gold	4.33	3.79
528-2654	142-0701-206	19	Straight PC Mount Jack, Solder Type, 0.200" Layout, 0.155" Leg Length	Nickel	6.00	5.49
528-1992	142-0701-231	19	Straight PC Mount Jack, Solder Type, 0.200" Layout, 0.110" Leg Length	Gold	6.17	5.56
528-0234	142-0701-631	20	4-Hole Flange Mount Jack, Solder Type	Gold	5.74	5.18
528-0235	142-0701-621	20	2-Hole Flange Mount Jack, Solder Type	Gold	5.73	5.18
528-0238	142-0701-801	21	End Launch PC Mount Jack for 0.062" PC Board	Gold	5.84	5.27
528-2656	142-0701-806	21	End Launch PC Mount Jack for 0.062" PC Board	Nickel	6.66	6.11
528-2436	142-0711-821	21	End Launch Round Contact for 0.062" PC Board	Gold	6.02	5.44
528-2438	142-0711-826	21	End Launch Round Contact for 0.062" PC Board	Nickel	6.24	5.62
528-1994	142-0701-831	21	End Launch Round Contact for 0.042" PC Board	Gold	6.58	5.94
528-0231	142-0701-881	21	End Launch Round Contact for 0.031" PC Board	Gold	5.97	5.06
528-1995	142-0701-851	21	End Launch Tab Contact for 0.062" PC Board	Gold	7.05	6.36
528-2658	142-0701-841	21	End Launch Tab Contact for 0.042" PC Board	Gold	8.69	7.82
528-1996	142-0701-871	22	End Launch, Bulkhead, Round Contact for 0.062" PC Board, 0.125" Max. Panel Thickness	Gold	8.47	7.74

Plug Receptacles for 0.062" Thick PC Boards

Stock No.	Mfr.'s Type	Description	Plating	EACH	
				1-9	10-49
528-2446	142-0801-801	End Launch Round Contact	Gold	10.94	10.00
528-2442	142-0801-806	End Launch Round Contact	Nickel	10.61	9.73

End Launch Surface Mount Jack Receptacle

This connector fits all PC board thicknesses. **Plating:** Gold.

528-2660. 142-0721-881. 1-9EACH 6.66 10-49EACH 6.10

Straight Jack Receptacle — Surface Mount

Stock No.	Mfr.'s Type	Description	Plating	EACH	
				1-9	10-49
528-2432	142-0711-201	4 × □.063	Gold	4.82	4.35

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